

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	20	(cookson and ostrover).in.	US-PGPUB	OR	ON	2006/12/01 18:26
L2	0	"6603714"	US-PGPUB	OR	ON	2006/12/01 18:26
L3	1	"6603714".pn.	US-PGPUB; USPAT	OR	ON	2006/12/01 18:33
L4	2	"11007669"	US-PGPUB; USPAT; JPO	OR	ON	2006/12/01 18:34
L5	1	"5406534".pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/12/01 18:35
L6	90	("720" "369").clas. and (((re\$1start\$2 stop\$4 revers\$3) near4 (without unnecessary unneeded ((no "not") near3 needed))) ("not" no) near2 (re\$1start\$2 stop\$4 revers\$3))) near4 (rotat\$3 spin\$4))	US-PGPUB; USPAT	OR	ON	2006/12/01 18:57
L7	3	("720" "369").clas. and (((((re\$1start\$2 stop\$4 revers\$3) near4 (without unnecessary unneeded ((no "not") near3 needed))) ("not" no) near2 (re\$1start\$2 stop\$4 revers\$3))) near4 (rotat\$3 spin\$4)) same ((dual double second two) adj2 side\$1))	US-PGPUB; USPAT	OR	ON	2006/12/01 18:58
L8	3	("720" "369").clas. and (((((re\$1start\$2 stop\$4 revers\$3) near4 (without unnecessary unneeded ((no "not") near3 needed))) ("not" no) near2 (re\$1start\$2 stop\$4 revers\$3))) near4 (rotat\$3 spin\$4)) same ((dual double second two switch\$3) adj2 side\$1))	US-PGPUB; USPAT	OR	ON	2006/12/01 18:59
L10	21	("720" "369").clas. and (((dual double second two switch\$3) adj2 side\$1) with ((continous\$3 contiguous\$2 sequential\$2) near4 (reproduc\$4 read\$3 writ\$3 record\$3)))	US-PGPUB; USPAT	OR	ON	2006/12/01 19:01
L9	28	("720" "369").clas. and (((dual double second two switch\$3) adj2 side\$1) with ((continous\$3 contiguous\$2 sequential\$2 sequence) near4 (reproduc\$4 read\$3 writ\$3 record\$3)))	US-PGPUB; USPAT	OR	ON	2006/12/01 19:01

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L15	6	"369".clas. and ((spiral near3 direction) with (revers\$3 opposite\$2)) same ((dual double second two switch\$3) adj2 side\$1)	USPAT	OR	ON	2006/12/01 19:50
L16	38	"369".clas. and ((spiral near3 direction) with (revers\$3 opposite\$2)) and ((dual double second two switch\$3) adj2 (side\$1 face))	USPAT	OR	ON	2006/12/01 20:16
L14	35	"369".clas. and ((spiral near3 direction) with (revers\$3 opposite\$2)) and ((dual double second two switch\$3) adj2 side\$1)	USPAT	OR	ON	2006/12/01 20:16
L17	3	16 not 14	USPAT	OR	ON	2006/12/01 20:18
L18	0	"369".clas. and "one side" with "then the other"	USPAT	OR	ON	2006/12/01 20:21
L19	0	"369".clas. and (((side face) near3 (A first top upper)) with then with ((side face) near3 (B second lower bottom)))	USPAT	OR	ON	2006/12/01 20:23
L21	112	"369".clas. and (((side face) near3 (A first top upper)) with (after follow\$3 sequential\$2 (((re\$start\$2 stop\$4 revers\$3) near4 (without unnecessary unneeded ((no "not") near3 needed))) ("not" no) near2 (re\$start\$2 stop\$4 revers\$3))) near4 (rotat\$3 spin\$4)) continuous\$3 contiguous\$3 then) with ((side face) near3 (B second lower bottom))) and ((dual double second two switch\$3) adj2 (side\$1 face))	USPAT	OR	ON	2006/12/01 20:25
L20	208	"369".clas. and (((side face) near3 (A first top upper)) with (after follow\$3 sequential\$2 (((re\$start\$2 stop\$4 revers\$3) near4 (without unnecessary unneeded ((no "not") near3 needed))) ("not" no) near2 (re\$start\$2 stop\$4 revers\$3))) near4 (rotat\$3 spin\$4)) continuous\$3 contiguous\$3 then) with ((side face) near3 (B second lower bottom)))	USPAT	OR	ON	2006/12/01 20:25
L13	81	"369".clas. and ((spiral near3 direction) with (revers\$3 opposite\$2))	USPAT	OR	ON	2006/12/01 20:28

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L24	16	"369".clas. and ((dual adj side\$1) with (dual adj layer\$3))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:33
L23	10	"369".clas. and ((dual adj side\$1) with (dual adj layer\$3))	USPAT	OR	ON	2006/12/01 20:33
L22	113	"369".clas. and (((side face) near3 (A first top upper)) with (after follow\$3 sequential\$2 (((re\$1start\$2 stop\$4 revers\$3) near4 (without unnecessary unneeded ((no "not") near3 needed))) ("not" no) near2 (re\$1start\$2 stop\$4 revers\$3))) near4 (rotat\$3 spin\$4)) continuous\$3 contiguous\$3 then) with ((side face) near3 (B second lower bottom)) and ((dual double second two switch\$3) adj2 (side\$1 face\$1))	USPAT	OR	ON	2006/12/01 20:33
L26	0	("720" "369").clas. and ((dual adj side\$1) with (dual adj layer\$3)) and ((spiral near3 direction) with (revers\$3 opposite\$2))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:34
L27	106	("720" "369").clas. and (((dual adj side\$1) with (dual adj layer\$3)) (dvd adj "18"))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:37
L25	16	("720" "369").clas. and ((dual adj side\$1) with (dual adj layer\$3))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:37
L28	17	("720" "369").clas. and (((dual adj side\$1) with (dual adj layer\$3)) (dvd adj "18")) and (spiral near3 (direction))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:38
L29	17	("720" "369").clas. and (((((dual double) adj side\$1) with ((dual double) adj layer\$3)) (dvd adj "18")) and (spiral near3 (direction)))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:39
L30	38	("720" "369").clas. and (((((dual double) adj side\$1) with ((dual double) adj layer\$3)) (dvd adj "18")) and ((spiral track rotat\$3 spindle) near3 (direction)))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:46
L31	13	("720" "369").clas. and (((((dual double) adj side\$1) with ((dual double) adj layer\$3)) (dvd adj "18")) and (switch\$3 near3 (face side)))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:47

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L32	24	("720" "369").clas. and (((dual double) adj side\$1) with ((dual double) adj layer\$3)) (dvd adj "18") and ((reproduc\$4 read\$3) with ((face side) near3 (opposite other alternate)))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:51
L33	54	("720" "369").clas. and (((begin\$4 start\$3) near3 (reproduc\$4 read\$3)) ((mov\$5 travel\$3) adj to)) with ((face side) near3 (opposite other alternate second B)))	US-PGPUB; USPAT	OR	ON	2006/12/01 20:53
L34	54	("720" "369").clas. and (((begin\$4 start\$3) near3 (reproduc\$4 read\$3)) ((mov\$5 travel\$3 switch\$3) adj to)) with ((face side) near3 (opposite other alternate second B)))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:00
L35	33	("720" "369").clas. and (((chang\$3 switch\$3) near3 (side face)) with ("same" revers\$3 adjust\$4 chang\$3 alter\$3 unaffected\$3 unchang\$3 continu\$5 unaltered) near3 (rpm rotat\$3 spin\$4)))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:05
L36	51	("720" "369").clas. and (((second b other) near3 (side face)) with ("same" revers\$3 adjust\$4 chang\$3 alter\$3 unaffected\$3 unchang\$3 continu\$5 unaltered) near3 (rpm rotat\$3 spin\$4)))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:06
L37	33	36 not 35	US-PGPUB; USPAT	OR	ON	2006/12/01 21:20
L38	2730	(spiral\$2 with (opposite revers\$3))	EPO; JPO	OR	ON	2006/12/01 21:21
L39	50	(spiral\$2 with (opposite revers\$3)) and ((two dual double second) near3 (side face))	EPO; JPO	OR	ON	2006/12/01 21:22
L40	604	shimada.in. and sony.as.	EPO; JPO	OR	ON	2006/12/01 21:23
L42	328	"369".clas. and (spiral\$2 near6 (revers\$3 opposite\$2 counter))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:26
L41	19	shimada-yutaka.in. and sony.as.	EPO; JPO	OR	ON	2006/12/01 21:26
L43	121	"369".clas. and (spiral\$2 near6 (revers\$3 opposite\$2 counter)) and ((dual double second two) near3 (side face))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:28

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L44	47	"369".clas. and (spiral\$2 near6 (revers\$3 opposite\$2 counter)) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up)))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:32
L45	48	"369".clas. and ((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counterclockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up)))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:33
L48	0	"369".clas. and ((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counter\$1clockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up))) and (realtime)	US-PGPUB; USPAT	OR	ON	2006/12/01 21:40
L47	2	"369".clas. and ((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counter\$1clockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up))) and (real near3 time)	US-PGPUB; USPAT	OR	ON	2006/12/01 21:40
L46	48	"369".clas. and ((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counter\$1clockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up)))	US-PGPUB; USPAT	OR	ON	2006/12/01 21:43

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L49	0	"369".clas. and (((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counter\$1clockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up))) and (one adj at adj2 time)	US-PGPUB; USPAT	OR	ON	2006/12/01 21:44
L50	14	"369".clas. and (((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counter\$1clockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up))) and (one near3 (face side) near3 time)	US-PGPUB; USPAT	OR	ON	2006/12/01 21:47
L51	0	"369".clas. and (((spiral\$2 near6 (revers\$3 opposite\$2 counter)) (spiral with clockwise with (counter\$1clockwise))) and (((dual double two) near3 (side\$1 face\$1)) (((upper second B) near2 (side face)) same ((lower first A) near3 (side face)))) and ((dual second) near3 (pick\$1up head (pick adj up))) and (one near3 ((at near3 time) (after near3 other)))	US-PGPUB; USPAT	OR	ON	2006/12/01 23:15
L52	23	"369".clas. and (otp same (increas\$3 better prefer\$4 improv\$5 enhanc\$5))	US-PGPUB; USPAT	OR	ON	2006/12/01 23:16
L53	14	"369".clas. and (otp same (middle near2 (area region)) same (increas\$3 better prefer\$4 improv\$5 enhanc\$5))	US-PGPUB; USPAT	OR	ON	2006/12/01 23:17
L56	29	"369".clas. and ((middle near2 (area region)) same (increas\$3 better prefer\$4 improv\$5 enhanc\$5 advantag\$6) same (LI (lead adj in) lead\$1in) same (LO lead\$1out (lead adj out)))	US-PGPUB; USPAT	OR	ON	2006/12/01 23:18
L55	32	"369".clas. and ((middle near2 (area region)) same (increas\$3 better prefer\$4 improv\$5 enhanc\$5 advantag\$6) same (LI (lead adj in) lead\$1in))	US-PGPUB; USPAT	OR	ON	2006/12/01 23:18

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L54	90	"369".clas. and ((middle near2 (area region)) same (increas\$3 better prefer\$4 improv\$5 enhanc\$5 advantag\$6))	US-PGPUB; USPAT	OR	ON	2006/12/01 23:19
L59	3	"369".clas. and ((middle near2 (area region)) same otp) and (otp same (increas\$3 better prefer\$4 improv\$5 enhanc\$5 advantag\$6))	USPAT	OR	ON	2006/12/01 23:20
L57	39	"369".clas. and ((middle near2 (area region)) same (increas\$3 better prefer\$4 improv\$5 enhanc\$5 advantag\$6))	USPAT	OR	ON	2006/12/01 23:20